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(71) Applicants (for all designated States except US): KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY [KR/KR]; 100 Jang-dong Yusung-ku, Taejeon-si 305-343 (KR). YUYU INC. [KR/KR]; 212 Suksoo-dong Manan-ku Anyang-si, Kyungki-do 430-040 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): YI, Kyu Yang [KR/KR]; #130-1001 Hanbit Apt. Oun-dong Yusung-ku, Taejeon-si 305-755 (KR). LEE, Sun Kyung [KR/KR]; #108-1303 Daelimdure Apt. Sinseong-dong Yusung-ku, Taejeon-si 305-720 (KR). KIM, Nak Jeong [KR/KR]; #102-701 Hanul Apt. Sinseong-dong Yusung-ku, Taejeon-si 305-345 (KR). SUH, Jee Hee [KR/KR]; #116-802 Hanbit Apt. Oun-dong Yusung-ku, Taejeon-si 305-755 (KR). HWANG, Soon Hee [KR/KR]; #215-1502 Saem-meori Apt. Dunsan-dong Seo-ku, Taejeon-si 302-120 (KR). LEE, Byung Ho [KR/KR]; #116-804 Hanbit Apt. Oun-dong Yusung-ku, Taejeon-si 305-755 (KR). SEO, Ho Won [KR/KR]; #104-1402 Taepyeong Apt.

(74) Agent: LEE, Won-Hee; 8th Fl. Sung-ji Heights II 642-16 Yoksam-dong Kangnam-ku, Seoul 135-080 (KR).

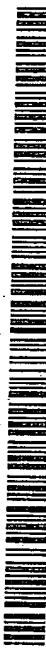
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(54) Title: FURANCARBONYLGUANIDINE DERIVATIVES, THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(57) Abstract: The present invention relates to furancarbonylguanidine derivatives, a preparation method thereof and a pharmaceutical composition comprising the same. Furancarbonylguanidine derivatives of the present invention inhibit NHE-1 (sodium-hydrogen exchanger isoform 1), which helps recovery of heart function damaged from ischemia/ reperfusion and decreases myocardial infarction rate, indicating that they have protective effect on myocardial cells. Thus, furancarbonylguanidine derivatives of the present invention can be effectively used for the prevention and the treatment of ischemic heart diseases such as myocardial infarction, arrhythmia, angina pectoris, etc, and also a promising candidate for a heart protecting agent applied to reperfusion therapy including thrombolytics or cardiac surgery including coronary artery bypass graft, percutaneous transluminal coronary angioplasty, etc.